AGRICULTURAL INTERESTS

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HAYING TIME,

Eight Tons an Acre.

JOHN ASHLEY.

It is said the average crop of hay per acre is one ton for the first mowing and if the weather is favorable a half a ton for the second. The selling price for this amounts to about \$27, the cost of producing and harvesting it.

In contrast to this, there is the case of a man who had a small village farm, devoted to a garden, a bit of lawn, an acre of grass land and an acre reserved for crops for his horse and cow From the grass land he averaged between eight and ten tons or hay, and as his methods of seeding and care were very simple and easy to imitate it may be of interest to know something of them in detail. When the property was first purchased the property was fir going over the grass land with a dou-ble action cutaway harrow twice the first week in half laps and the second time at right angles to the first. He continued to do this until August, when the foul roots remaining were raked out and burned. An eight foot smoothing harrow with a liveling board attached was next used until the

board attached was next used until the surface was true. The land was then plowed with a twenty-four inch cutaway plow to a depth of six inches, the disk being set at a considerable angle. Then the surface was again trued as before. Finally the field was harrowed weekly until the 1st of September 1.

Final Preparation.

The land being level, it was left bare until spring and then was harrowed until spring and then was harrowed again and sowed to oats to be cut for hay. When this had been harvested the field was gone over twice in half lans with a double action harrow, the second time at right angles to the first. The second week it was plowed and harrowed and after that harrowed weekly for four weeks, followed by one more plowings. On Sept. 1 fourteen quarts each of timothy and recleaned redtop were sown, and before harrowing in the seed 600 pounds of the following mixture of commercial fertilizer were carefully and evenly broadlowing mixture of commercial retrui-cer were carefully and evenly broad-casted: Nitrate of soda, 60 pounds; murlate of potash, 240 pounds; bone-meal 300 pounds. The piece was then harrowed in four directions with a smoothing harrow. The following April the land was rolled and 450 pounds of the following fertilizer spread: Bone, 150 pounds; potash, 150 pounds; nitrate of soda, 150 pounds. The result of this thorough preparation and care is evidenced in the splen-did appearance of the grass, although it has been seeded six years. Soon after the first crop had been cut 200 pounds of the spring fertilizer were broadcasted, and these two applications of fertilizer are given annually,

HELPING OUT PASTURES BY SOILING CROPS

JARED VAN WAGENEN, JR.

Thoughtful dairymen realize that, while in northern states cows are in the field five months, yet there are only about six weeks or two months when pasture alone is sufficient to en-able them to do good work, so pro-gressive dairymen are adopting some plan or superintending pastures and thus maintaining a better flow of milk throughout the year. There are various ways of doing this. Merely feeding grain in connection with scanty pasture is expensive and unsatisfactory. The cost is too great. Besides,

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nest of bath tubs, latest devices in water clorets, sinks, and everything Call as up on the phone, write or cer us. We will fix you up in good a spe at a moderate price.

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rully as easy and convenient for y to have the work done now as late when it may be freezing weather. Estimates cheerfully furnished . a an, work you need done.

J. F. TOMPKINS 67 West Main St.

BUILDING OPERATIONS IN NEW ENGLAND

The statistics of Building Operations in New England as compiled by The F. W. Dodge Company, follow:— Contracts to June 3, 1914...\$72,130,300 Contracts to June 3, 1918... 69,540,000 Contracts to June 3, 1912... 85,815,000 Contracts to June 3, 1911. 68,845,0.0 Contracts to June 3, 1910. 72,342,0.0 Contracts to June 3, 1909. 68,033,000 Contracts to June 3, 1808. 26,658,660 Contracts to June 3, Contracts to June 3, 43,520, Contracts to June 3, Contracts to June 2, Contracts to June 2, 1902. Contracts to June 3, 1901. Contracts for May 1912... 17,005 Contracts for May 1912... 24,803.6 Contracts for May 1911... 17,655. Contracts for May 1910... 17,124. Contracts for May 1909... 17,438.6 Contracts for May 1909... 9,340,59

before the next is ready; also, soiling cows means cutting and drawing green food every day regardless of weather conditions or what other work presses. All these considerations have led the writer to feel that there is just one best way to supple.

there is just one best way to supplement pastures, and that is by feeding when needed corn sllage put in the previous autumn.

There are several reasons why this is the best way. One is that the possible food production from an acre of corn is much greater than from these other crops. Another is, it is possible to put this corn in the silo just when it is at its best, whereas other crops will frequently be either too green or too ripe just when we need them. The difference in labor between going for a load of green oats or throw-ing out a supply of silage from a con-venient silo speaks for itself. The better dairymen we are the more we shall feed cows in addition to pasture, and summer sile is the easiest way to provide the needed feed.

THE SUMMER FEEDING OF More Succulent Food and Less Fat Forming Food Is Best.

A. F. HUNTER,

The summer feeding of poultry should be different from cold weather feeding, and when the feeding is rightly done our poultry may be decided'y profitable in summer. It is too fre-quently an unprofitable part of the farm. The most important change in the ration is a lessing of the fat forming food, which will effect a lowering of the animal heat and increase the bodily comfort, and we should in-crease the proportion of succulent (or green) food

On most farms the hens are kept closely confined in summer to prevent raids upon the garden and growing crops. This confinement in a hen-house and yard cuts them off from needed exercise and equally needed green food. To balance these defects there should be a widening of the grain ration, and green food should be liberally supplied. There should be an increase of wheat bran and mid-dlings in the mash mixture and a cutting down of the proportion of whole (or cracked) corn that is fed. In extremely hot weather ne corn whatever should be fed, the whole grains fed being wheat, oats and a little barley.

front, so they will be comfortably cool at night. And there should be shady loafing places in which the birds may pass the hotter hours of the day. If there is no natural shade, as of fruit trees, a shed roof 6 by 8 feet in size, two feet high in fpont, the roof shoping to the south should be put up for the birds to take refuge under. A simple shelter of this type will pay for itself over and over again. Abundant green food must be fed. This may be vegetable tops or weeds from garden, lawn mower clippings, etc. There is wile range of choice, as almost everything range of choice, as almost everything that is fresh and succulent fill be relished by fowls that are confined.

And abundant drink must be supplied. They should have all the fresh, clean water they will drink and may also be given all the skimmilk they will drink. Milk is best sour, but should be always sweet or always sour. Milk is good for fowls at all times and is expectably good in warm times and is especially good in warm weather, but water they must have. It is best to have two drinking pans or fountains, one for fresh water and the other for milk and they must be kept clean. Then the birds can drink from either, as they prefer.

SECRETS OF SWEET CORN.

Quality Is What Counts.

P. K. EDWARDS.

Nearly every one plants sweet corn of some we refer "quality" kind in the garden. When to it, however, we mean sweet corn, that delectable melting feast of sweetness which the average gardener gets from his hill only two or three times a season. But to have a continuous supply of the best corn in the best condition one must known just how to arrange for it. when to pick it and how to cook it. Now there are two methods of raising it, either by repeated plantings at in-tervals, of one or two weeks or by planting several varieties at one time. selected to mature in succession, as a supply for several weeks may be hid from a single planting, so that only two plantings will be required. Each plan has its good points. Where space is limited successive planting will of course, be preferrable, and the matter of variety as governing quality is also

important. New Varieties. Of the several different kinds the

following varieties have been tried with success: Golden Rod, Golden Bantam, Hiawatha, Pochontas, Early Champion, Crosby's Early, the Hender-son, Country Gentleman and Stowell's Evergreen. The Golden Rod is a cross tam. between Stowell's Evergreen and Gold-en Bantam and is a happy combina-tion of blending the good qualities of both. It is one of the "midseason" varictles. Henderson's Pochontas is an extra early variety, and, while not equal to some of the later kinds, it is well worth a place in the garden. Several other familiar varieties—namely, the Golden Bantam and Country Gentieman, also have that deseredly not-ed sweet flavor of the Golden Rod and Hlawatha.

The land for corn should be thoroughly manured, or lacking manure, use a liberal amount of market garden brand of commercial fertilizer or a mixture known as 4-8-11—that is, 4 per cent nitrogen, 8 per cent phosphoric acid and 1 per cent potash. In addition to this a good handful of hen manure in the bottom of each hill, with a little earth spread over it, is one of the very best manures for corn, and at the second hoeing work a handof nitrate of soda into the soil about the hills, Plant the corn in drills, dropping the seed about nine inches apart and run the rows east west if possible, but do not 'hill for, like other shallow rooted plants, corn feeds near the surface, and if we keep heaping up the earth around the stalk the roots, which have

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Large stock of Mill Supplies always on hand Specialty of HONEYWELL Hot Water Heating

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Electrical Notes.

Wireless telephony is now possible for a radius of 225 miles

Electric vehicles are extensively used for carrying mail in cities. Electric incubators are extensively used as window displays in large ci-ties.

The large water powers of Can-ada are fast being developed to generate electrical energy.

A new eighteen-suite apartment house in Worcester, Mass., will be equipped with electric ranges.

Large bakeries are using electric power to drive the mixing machine.y on acount of its cleanliness.

Electric refrigerating systems are now being installed in florists shops to keep flowers in cold storage until Although wireless apparatus was not fully developed until 1909, it is estimated that over 5000 lives have

been saved by its use A submarine cable will carry elec-trical power from Sweden to Den-mark, The electricity wil ibe generat-ed by the fall of the Lagan River and the underwater cable will carry the power to the island of Zeeland where it will be used in manufacturing. it will be used in manufacturing

Thatched Huts Are of the Past. The disappearance of the picturesque roofs of Samoan Lits is attributed to the increasing wealth of the natives and the partial destruction by insects of the wild sugar cane used for thatch. Corrugated iron is taking tl place of the old material. side.



The Fenton-Charnley Building Co., Inc. GENERAL CONTRACTORS

NORWICH, CONN.

Good Street Car Rule, Too. In The How to Do It Series, the London Globe's tame medical man gives this valuable advice: To avoid disease germs inside the motor bus, ride out-

Page Street House.

John McWilliams is considering plans for a house which he is to erect

The plate glass windows have been

Alterations Nearly Finished.



Page. 25e, 50c, 60c, 41.60; 25 lb. pail 25 lb.
best for parent birds and young stock. It
helps digestion-keeps the liver on the job and
purifies the blood. Makee more eggs and
stronger chicks.
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foung, C. W. Hill & Son, Greeneville
Grain Co., Norwich, Conn.

are three of the finest summer places are three of the linest summer places along the shore and ever yyear since the New York people have been coming to Black Point there has been a tendency for larger and better houses adopted by the American Institute of to be built which means a great addition to the tax list of the town.

They are moderately priced, too-

Quaint Styles for the Beach

It naturally followed that bathing suits should follow the general trend

of fashion and this season shows many quaint designs and many strikmethods of trimming them. Whether you swim or whether after

a leisurely dip you prefer to sun yourself upon the sande you will find

the Boston Store Bathing Suits are appropriate and strictly correct.

FROM \$1.98 UPWARD

Not Ordinary Bathing Caps

lar dancers have made famous. They are prettily trimmed, too, with

flowers, indestructible because they are made of rubber. You'll find

rubber quills, too, sticking up in jaunty fashion, and all water-proof-

PRICED FROM 25c UP

as those of the pretty boudoir and Norman Cape which popu-

NOANK.

Prof. Everett Fitch, of New Haven, formerly of Noank, who spends his summers there, is to have a bungalow erected at West View for occupancy this summer. The foundations and stone work will be done by Contractor

enue near the head of 14th street in process of construction are now practically completed and the grading of the land around the houses is about finished. A wide street has been laid out but this has not yet been graded. The houses are being erected by W. O. Rogers H. F. Palmer and O. S. Smith and Mr. Rogers has charge of the construction work. They may build additional houses in that locality within the near future as there seems to be a demand for them. Cahoon Street Residence Progressing. Cahoon Street Residence Progressing. opened June 19.

BUILDING AND BUSINESS Improvements Shown By Number of Permits Issued.

The number of sales by warranty deed in the larger towns reported in The Commercial Record for the past

average liabilities of \$6.665.

set up at the new Taftville post of-fice site at the corner of Front and Building operations, as represented by the permits issued in the cities of Providence streets and the door has been rung. The walls are now being plastered and the new office will proo-New Haven, Bridgeport, Hartford and Waterbury show a most substantial increase over the like week of the year 1913. In the four cities permits to the number of 13 have been granted during the week for buildings costing \$791,530. This record ably be ready for occupancy within a short time. The changes at the house at 70 oswell avenue owned by Joseph compares with 93 permits in the same cities last year, for buildings costing bristian are now nearing completion.
The ground floor has been turned into a up-to-date variety store. The late glass windows are now in, and \$188,989.

Among the projects for which con-tracts have been awarded for the tracts have been awarded for the week are, store and apartment blocks in New Haven and Hartford, clubhouse in Waterbury, business block in New Haven, nurses home in Bridgeport, storehouse in New Haven, priceport and street and Treadway average owned by Mrs. Channing Hunton is finished on the front side and a workmen are now building a contract cap along the top. A wall is so being built at the rear of the roperty. Work on the new house becreated on the property is now oursessing, the inside work being rively finished, although the windows are not yet been set in. week are, store and apartment blocks

Norwich had nine sales of real estate, last week to seven for the same period last year. There were in May 59 to 52 a year ago. The mortgages last week amounted to \$12,100 while a year ago the amount was \$16,100. In May the total loans were \$229,850 while in the previous May the amount was \$55,170. Was \$65,170. New Lendon sales last week were

seven to six a year ago while May had a record 32 to 49 a year ago. The mortgage leans the past week were \$3,750 and last year for the same week the amount was \$8.750. In May the loans totalled \$92,142 to \$105,525 a year ago.

DIRECT CONTRACT LETTING. In the February number of The

chitectural Record, under the head of Notes and Comments, which is under-stood to be in the nature of an ecitoricl comment, is an article under the caption of Direct Contract Letting, reading as follows: Readers of The Plumbing and Heat-

been taken by the American Insti-

Architects at its annual convention:
"Resolved, That the American Institute of Architects, in convention as-sembled, recommends to the members of our profession the adoption of the practice of direct letting of contracts

practice of direct letting of contracts for mechanical equipment, such as heating apparatus, plumbing and electrical equipment. This reocommendation is based on the conviction that direct letting of contracts, as compared with sub-letting through general contracts, as compared the architect more certain selection of competent contractors and more efcompetent contractors and more ef-ficient control of execution of work, and thereby isures a higher standard of work, and, at the same time, serves more equitably the financial interests of both owner and contractor." It is certainly of interest to the pro-

fession to know that for some years there has been a strong movement on the part of the members of the National Association of Master Plumbers and the National Association of Master Steam and Hot Water Fitters to secure Steam and hot water Fitters to secure
the letting of their contracts by owners and architects instead of general
contractors. They have petitioned the
Institute to take under serious consileration the evils of the general contract system, so far as it affects the plans for a house which he is to erect soon on Page street.

Improving Houses.

Three more houses belonging to the Shetucket company and located on the left hand side of Second street are being repaired and renovated. The old foundations have been party removed and are to be rebuilt. The houses on Central avenue which have just been raised about two feet and which have new foundations under them are now being painted. The improvement in that section is noticeable.

Office Ready Soon.

The Commercial Record for the past two for the more field, with norigage loans amounting to \$22,774, against \$971,177 for the previous year.

The revious year.

The the large theory for the past tweek is 428, which compares with 385 a year ago, with morigage loans amounting to \$24,774, against \$971,177 for the previous year.

The previous year.

The previous year ago, with morigage loans amounting to \$24,774, against \$971,177 for the previous year.

The previous year.

The record for the past them of the matter in the most temperate and reasonable way, maintaining that the system of an economic waste and works injury to the legid-mate interests of all concerned. They mentioned that general contractors after securing contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out their work to lower grade contractors, proceed to farm out the matter in the matter in the most amounting to \$24,774, against \$971,177 for the previous year.

The record of bankrupts for the same week of previous years.

The record of bankrupts for the week makes a poorer showing than for any similar week for several years. mechanical equipment of buildings. They presented the matter in the most let contracts for mechanical equipment separate from the general contracts and that there seems to be a tenden-win this direction on the part of architects in general. It is interesting to note in this connection that laws have been passed in New York and Pennsylvania requiring exclusion from general contracts and the direct letting of plumbing and heating apparatus for State and municipal work, and that in perhaps a dozen other States legislation along similar lines has already been undertaken. separate from the general contracts

been undertaken.

There is a strong feeling in employer's associations, aroused by the treatment acorded them by general contractors, and made intense by lowering of standards of work to which the best men are committed, and there is little doubt that they might, if they would adopt union methods, make a concerted effort to boyrott general contractors in their hidding. It is evident, however, that the best men in their associations are totally opposed been undertaken. their associations are totally opposed to the adoption of such tactics and that they prefer to appeal in a legitimate way to the architectural profession. The prominent members of the architectural profession have already to a large extent made it a practice to let directly contracts for mechanical equipment work which is most sure to suffer and most difficult for the to suffer and most difficult for the architect to protect where there is a tendency to lower the quality of con-

struction.
Such activity on the part of the American Institute is in character with its general policies, and it is to be earnestly hoped that all architects, whether institute members or not, wil. support this kind of reform.

Hartford.-Col. Louis R. Cheney, who will sail for Europe June 29, will attend the 1,000th anniversary of the founding of the town of Hertford. England, for which Hartford was

STETSON & YOUNG Carpenters and Builders

Best work and materials at right eady for occupation by July 1. These ly interested in this action which has Telephone MAIN ST.

BUILDING

SOUTH MANCHESTER Several Contracts Awarded For New Houses and Bungalows.

McRobbie & Norris have the contract for a frame residence to be erected at the corner of West Center and Cooper streets for Charles O. W Nelson. The house will be of frame construction, and will contain seven rooms, with steam heat, electric lights and modern plumbing. William Neill has the contract for the concrete

Contract for House.

Edward C. Elliott, Jr., has been awarded the contract and has started the carpenter work for a two-family house at the corner of Main and Rus sell streets for Arthur D. Hale. Th house will be arranged for two tenements of six rooms each, with furn-ace heat, electric lights and all im-provements. The L. C. Baker Co. did the concrete foundation work, Contract for Bungalow.

S. Emil Johnson has the contract for a frame bungalow to be erected on Oak street for John Kilstrom, 64 Oas street. The house will contain six rooms, and will be provided with fur-nace heat and all conveniences. Patrick Gorman has the contract for the

To Build New House. Joseph Ginsberg is having plans figured for the erection of a new house on Birch street. It will be of frame construction, and will be arranged for two tenements.

Improvement of Franklin St. Block

W. S. Alling To Make Changes Costing \$3,000 -Progress on Cottage Construction and Alterations About

Wilbur S. Alling. The block extends 125 feet along the street, there are six stores on the ground floor with six apartments on the floors above with individual entrances. The floors for all the stores will be carried down to the street level and a modern front with all new offset doors will be put in. The plate glass for the show windows will be shown to show a sh dows will have modern copper corners. The cost of the improvements will be about \$3,000.

Taftville Improvements. Charles G. R. Vinoi of Middletown. Charles G. R. Vinol of Middletown, who has purchased the old Philip Hendrick homestead on School street, Taftville, has given Fred Hasler of Hunters avenue the contract for repairs of a general nature, Mr. Hasler, assisted by Frank White, will probably start the repair work some-

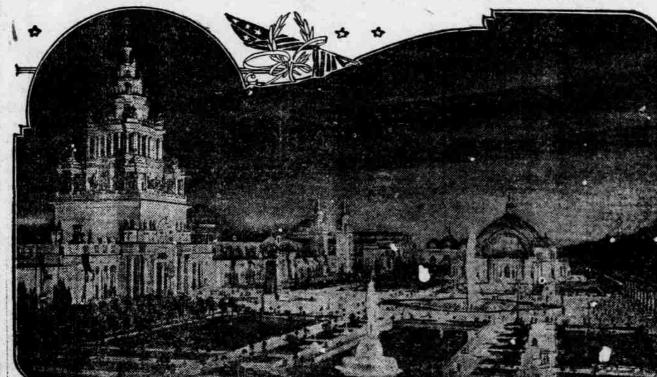
Plans are drawn for a new glass time next week. It is understood that front for the entire first floor of the block at 82 to 104 Franklin street which has been recently purchased by Wilbur S. Alling. The block extends Mr. Hasler has been employed the past week or so making repairs to the building at the corner of Hunters

> Contractor George M. Hyde started wok on the erection of the new cottage on the East Side for John Fowler, on Wednesday of this week. The work will b pushed along to completion.

> Part of Foundation Done. Part of the foundation for the new Gordon industrial building to be erected at the corner of Chestnut and Willow streets has been completed on the Willow street side and the masons are now working on the Chestnut street

Boswel Avenue Houses Completed. The two new houses on Boswell av-

VAST SOUTH GARDENS OF THE MARVEL EXPOSITION CITY AT NIGHT.



Night view of South Gardens and main entrance to the Panama-Pacific International Exposition at San Francisco in 1915. Dominating the scene at the left of the picture is " Tower of Jewels, rising some 435 feet into whole surface softly glowing with the reflected light from the arcs which are hidden from the spectator. Further down the facade, at about the center of the picture, may be seen the two slender towers which guard the entrance to the Court of Palms and directly in front of the Tower of Jewels is A. Stirling Calder's "Fountain of Energy." In the background at the extreme left may be seen the top of the triumphal Arch of the Rising Sun, surmounted by the group "The Vations of the East" Copyright, 1914, by Panama-Pacific International Exposition Company.

NEW LONDON. lanning For Addition To Training School. For the past few days contractors d electricians have been taking casurements at the Manual Training hool with reference to estimates for proposed extensive addition to the

need building.

It is stated that ientative plans for improvements include an in-used capacity of 40 per cent. In the p department, twice the space in sewing rooms, doubled capacity the domestic science department, chlarged chemical laboratory and chlarged assembly hall with a ling capacity of 600 to 700.

pe Gada, Lord and Taft, new omer places at Black Polyt are rappearing completion and should be